

Figure 1

Human	HAPGKEKRSCEGPAAKSALRKVIRATLTVISLARQWQWQWAAHESBIRDAGQEPPTONLPGCTQDSP	60
Mouse	HAPGKEKRSCEGPAAKSALRKVIRATLTVISLARQWQWQWAAHESBIRDAGQEPPTONLPGCTQDSP	60
Human	GAPKPIPPTEHQKAQHAPKEPPRLPEGGCGDGQSESKRPEKUSKIKKEEVSKTVEKTYTER	126
Mouse	HAPKEACP-----YQAPKTLSPEKFDHDGEGQSESKRPEKUSKIKKEEVSKTVEKTYTER	116
Schrafish	-----TQFQIUTKATIEPKCSEY	17
Human	GCDVSHLSERTEDAGVLEPGQPERDIDRILSHSGSPTTRREKCANLVSELTKGQWVWHEQK	186
Mouse	GGDVETLSEHRYEEDGGVKEAIGQPEDIDHILSHSDSPTRREKCTHLYSELTKGQWVWHEQK	176
Schrafish	GKDLVSVKIREXINTE-----QLTZEDTXPLGHSPTTRRYTCGGKACTPVVKALGRRCK	71
Human	EPTWRS'DEVDTEDSGYGEAZERPKQDGQVAVVRIKEPLPSQVFRYK-EKRNCKAQGY	235
Mouse	EPTWRS'DEVDTEDSGYUGDNERPEQDAAPVAPARIKEPLESQAXRYS-EKRPCKANHRY	232
Schrafish	ENGRSSSSLDADDGLC---EASLSD-----NSDLEHNEPKERVERKIKIV	115
C.elegans	-----SIACAKED	9
D.melanogaster	MHDVSEHNGALRPVYD	16
Human	GPGQHLLGRWQWADDEHESCSLEPFTS D FDYELHNSQRLXGDECYGRPKPGCENLARH	299
Mouse	GPDGLLGRWQWADDEHESCSLEPFTS D FDYELHNSQRLXGDECYGRPKPGCENLARH	299
Schrafish	GTDGDLGRWQWADDEHESCSLEPFTS D FDYELHNSQRLXGDECYGRPKPGCENLARH	178
C.elegans	XTPFKPENKEQVATTEKDDVYISKD D FDYELHNSQRLXGDECYGRPKPGCENLARH	60
D.melanogaster	GPFSKVKAMF D QATGHRASQLNPPFSCGRAASPEPIP D FDYELHNSQRLXGDECYGRPKPGCENLARH	72
Human	GAIAABEDYTRSH C FICTRAH C -----DGKID C TGDLFDRAYVR C ISDRKVVGCLLARARRH	357
Mouse	GAIAABEDYTRSH C FICTRAH C -----DGKID C TGDLFDRAYVR C ISDRKVVGCLLARARRH	351
Schrafish	DAIAAGBEDYTRSH C FICTRAH C -----DGKID C TGDLFDRAYVR C ISDRKVVGCLLARARRH	702
C.elegans	GAIAABEDYTRSH C -----EDY C -----EGDPKIR C TGCAEPTIVN C ISDRKVVGCLLARARRH	119
D.melanogaster	GAIAABEDYTRSH C -----QK C -----EDY C -----EGDPKIR C TGCAEPTIVN C ISDRKVVGCLLARARRH	133
Human	G C D D PEGENLWQGRDD V V V L L -----L L -----R R 381	
Mouse	G C D D PEGENLWQGRDD V V V L L -----L L -----R R 375	
C.elegans	K K D D PEGENLWQGRDD V V V L L -----L L -----R R 162	
D.melanogaster	K K D D PEGENLWQGRDD V V V L L -----L L -----R R 193	

Figure 2

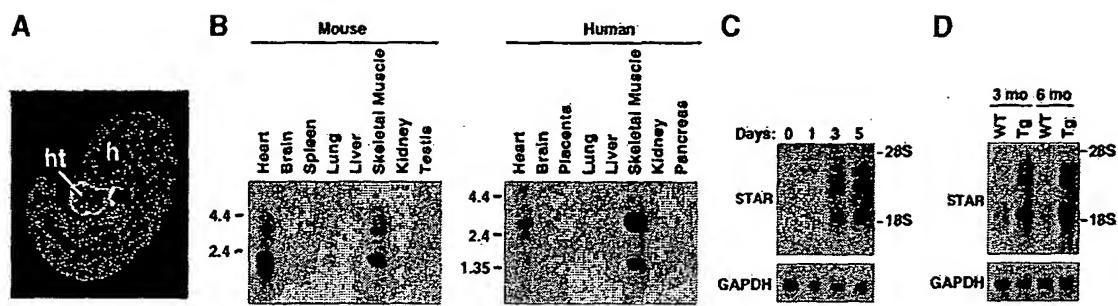


Figure 3

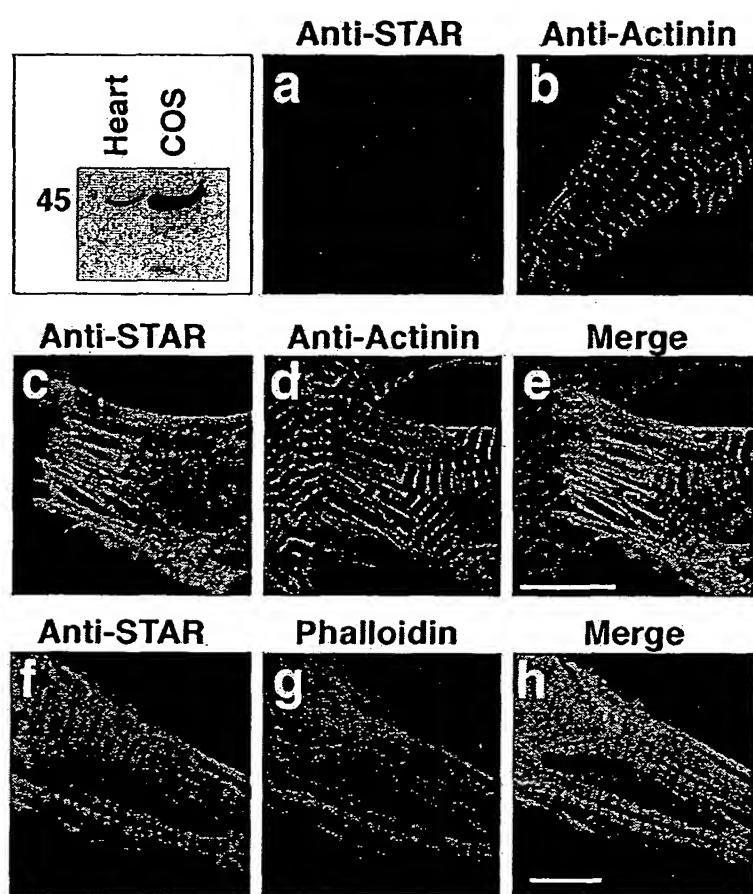


Figure 4

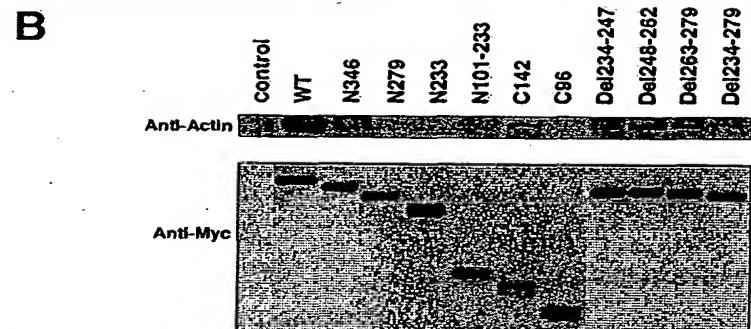
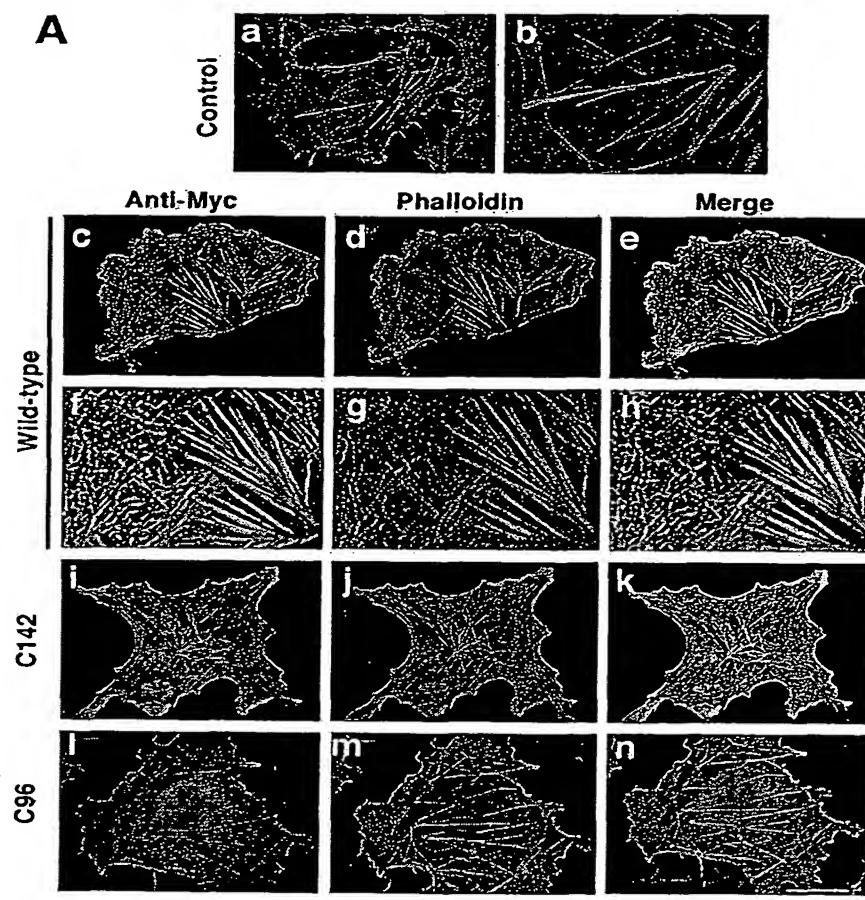


Figure 5

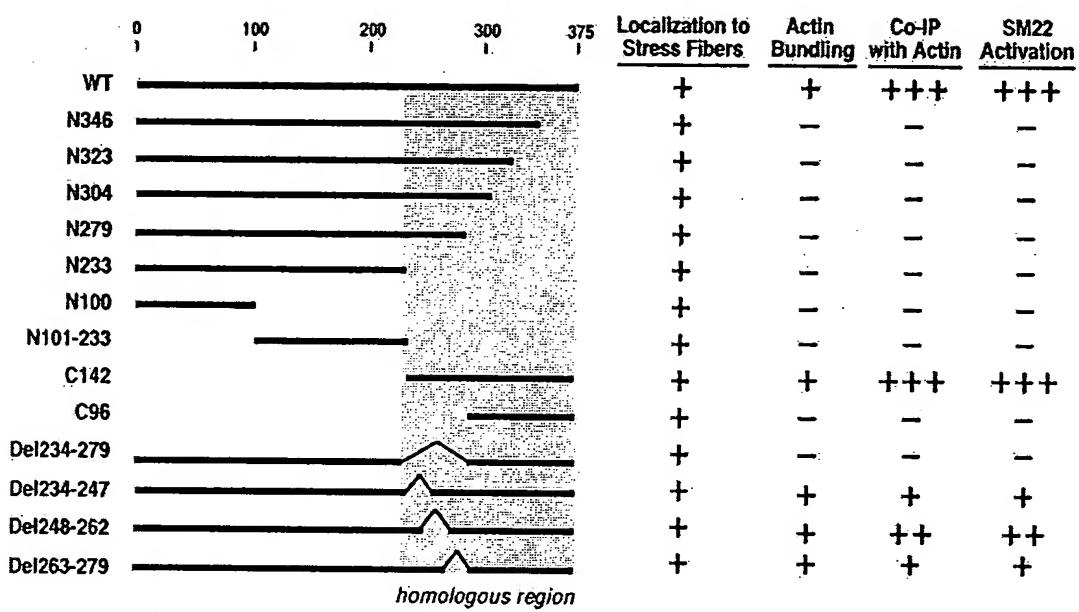


Figure 6

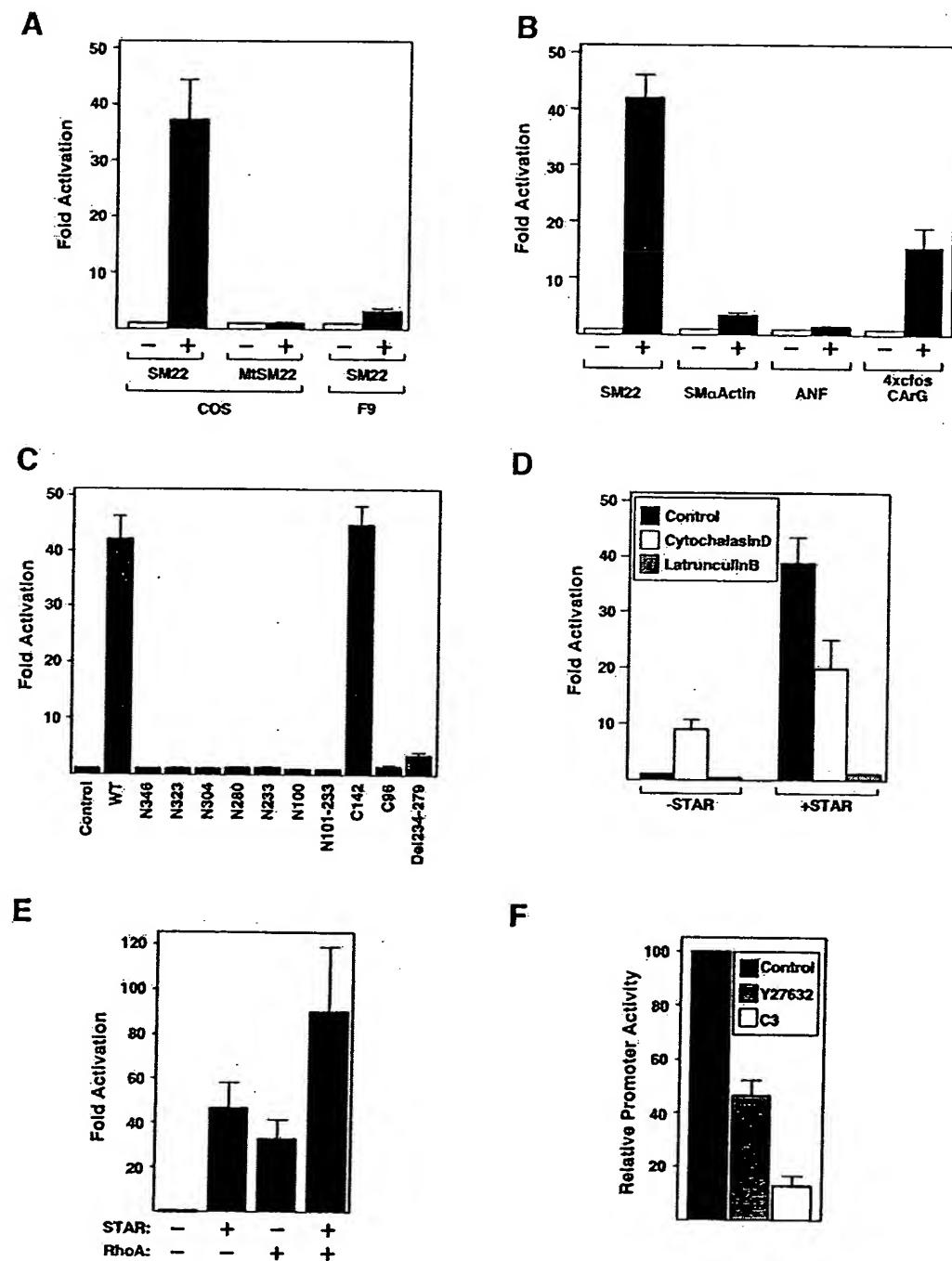


Figure 7

